

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of

John C. Harvey and James W. Cuddihy

Serial No. 08/480,392

Filed: June 7, 1995

For: **SIGNAL PROCESSING APPARATUS  
AND METHODS**

Examiner:

WOLINSKY, S.

Group Art Unit: 2742

Atty. Docket. 05634.0310

COPY

**Box: AFTER FINAL**

Assistant Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING  
REJECTION (37 C.F.R. § 1.321(c))**

The owner of the entire right and interest in and to the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the earliest expiration date of the full statutory term defined in 35 U.S.C. § 154 to 156 and 173 as shortened by any terminal disclaimer filed prior to the grant of any patent granted on any of the following copending applications of the owner (hereinafter the "Copending Applications"):

#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.
1	08/397371	25	08/441575	49	08/445045	73	08/447502	97	08/448662
2	08/397582	26	08/441577	50	08/445054	74	08/447529	98	08/448667
3	08/397636	27	08/441701	51	08/445290	75	08/447611	99	08/448794
4	08/435757	28	08/441749	52	08/445294	76	08/447621	100	08/448810
5	08/435758	29	08/441821	53	08/445296	77	08/447679	101	08/448833
6	08/437044	30	08/441880	54	08/445328	78	08/447711	102	08/448915
7	08/437045	31	08/441942	55	08/446123	79	08/447712	103	08/448916
8	08/437629	32	08/441996	56	08/446124	80	08/447724	104	08/448917
9	08/437635	33	08/442165	57	08/446429	81	08/447726	105	08/448976
10	08/437791	34	08/442327	58	08/446430	82	08/447826	106	08/448977
11	08/437819	35	08/442335	59	08/446431	83	08/447908	107	08/448978
12	08/437864	36	08/442369	60	08/446432	84	08/447938	108	08/448979
13	08/437887	37	08/442383	61	08/446494	85	08/447974	109	08/449097
14	08/437937	38	08/442505	62	08/446553	86	08/447977	110	08/449110
15	08/438011	39	08/442507	63	08/446579	87	08/448099	111	08/449248
16	08/438206	40	08/444643	64	08/447380	88	08/448116	112	08/449263
17	08/438216	41	08/444756	65	08/447414	89	08/448141	113	08/449281
18	08/438659	42	08/444757	66	08/447415	90	08/448143	114	08/449291
19	08/439668	43	08/444758	67	08/447416	91	08/448175	115	08/449302
20	08/439670	44	08/444781	68	08/447446	92	08/448251	116	08/449351
21	08/440657	45	08/444786	69	08/447447	93	08/448309	117	08/449369
22	08/440837	46	08/444787	70	08/447448	94	08/448326	118	08/449411
23	08/441027	47	08/444788	71	08/447449	95	08/448643	119	08/449413
24	08/441033	48	08/444887	72	08/447496	96	08/448644	120	08/449523

#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.
121	08/449530	146	08/459506	171	08/460713	196	08/469108	221	08/472399
122	08/449531	147	08/459507	172	08/460743	197	08/469109	222	08/472462
123	08/449532	148	08/459521	173	08/460765	198	08/469355	223	08/472980
124	08/449652	149	08/459522	174	08/460766	199	08/469496	224	08/473213
125	08/449697	150	08/459788	175	08/460770	200	08/469517	225	08/473224
126	08/449702	151	08/460043	176	08/460793	201	08/469612	226	08/473484
127	08/449717	152	08/460081	177	08/460817	202	08/469623	227	08/473927
128	08/449718	153	08/460085	178	08/466887	203	08/469624	228	08/473996
129	08/449798	154	08/460120	179	08/466888	204	08/469626	229	08/473997
130	08/449800	155	08/460187	180	08/466890	205	08/470051	230	08/473998
131	08/449829	156	08/460240	181	08/466894	206	08/470052	231	08/473999
132	08/449867	157	08/460256	182	08/467045	207	08/470053	232	08/474119
133	08/449901	158	08/460274	183	08/467904	208	08/470054	233	08/474139
134	08/450680	159	08/460387	184	08/468044	209	08/470236	234	08/474145
135	08/451203	160	08/460394	185	08/468323	210	08/470447	235	08/474146
136	08/451377	161	08/460401	186	08/468324	211	08/470448	236	08/474147
137	08/451496	162	08/460556	187	08/468641	212	08/470476	237	08/474496
138	08/451746	163	08/460557	188	08/468736	213	08/470570	238	08/474674
139	08/452395	164	08/460591	189	08/468994	214	08/470571	239	08/474963
140	08/458566	165	08/460592	190	08/469056	215	08/471024	240	08/474964
141	08/458699	166	08/460634	191	08/469059	216	08/471191	241	08/475341
142	08/458760	167	08/460642	192	08/469078	217	08/471238	242	08/475342
143	08/459216	168	08/460668	193	08/469103	218	08/471239	243	08/477547
144	08/459217	169	08/460677	194	08/469106	219	08/471240	244	08/477564
145	08/459218	170	08/460711	195	08/469107	220	08/472066	245	08/477570

#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.	#	Ser. No.
246	08/477660	263	08/479217	280	08/483169	297	08/487155	314	08/487981
247	08/477711	264	08/479374	281	08/483174	298	08/487397	315	08/487982
248	08/477712	265	08/479375	282	08/483269	299	08/487408	316	08/487984
249	08/477805	266	08/479414	283	08/483980	300	08/487410	317	08/488032
250	08/477955	267	08/479523	284	08/484275	301	08/487411	318	08/488058
251	08/478044	268	08/479524	285	08/484276	302	08/487428	319	08/488378
252	08/478107	269	08/479667	286	08/484858	303	08/487506	320	08/488383
253	08/478544	270	08/480059	287	08/484865	304	08/487516	321	08/488436
254	08/478633	271	08/480060	288	08/485282	305	08/487526	322	08/488438
255	08/478767	272	08/480383	289	08/485283	306	08/487536	323	08/488439
256	08/478794	273	08/480392	290	08/485507	307	08/487546	324	08/488619
257	08/478858	274	08/480740	291	08/485775	308	08/487556	325	08/488620
258	08/478864	275	08/481074	292	08/486258	309	08/487565	326	08/498002
259	08/478908	276	08/482573	293	08/486259	310	08/487649	327	08/511491
260	08/479042	277	08/482574	294	08/486265	311	08/487851	328	08/485773
261	08/479215	278	08/482857	295	08/486266	312	08/487895	329	08/113329
262	08/479216	279	08/483054	296	08/486297	313	08/487980		

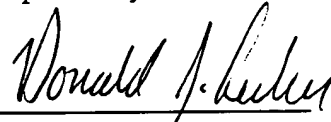
The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patents granted on the Copending Applications are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date

of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of any patent granted on any of the Copending Applications, as shortened by any terminal disclaimer filed prior to the patent grant, in the event that any such granted patent: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Date: September 9, 1998  
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